

TX station: 4xAkg77
Gain solid integration : disabled

Site Name: Labelitaly

General data of Antenna System

TX station	4xAkg77
Site Name	Labelitaly
System of coordinates	Geographic
Longitude	00°00'00.000"
Latitude	00°00'00.000"
Ground level a.s.l. (m)	100.0
Antenna system height (m)	50.0
Transmitter power(Watt)	1000.000
Carrier wave frequency (MHz)	98.000
Antenna system central frequency (MHz)	98.000
Antenna base diagrams type 1	LABEL ITALY-AKG_77 H.P. CIRC. POL. FM WB
Antenna base diagrams type 2	-
Polarization (H/V/C/X)	C
Transmitting cable attenuation (dB)	0.0
Additional attenuations(dB)	0.0
Base diagrams sectors (T = All, F = Front)	T
Velocity factor of cables to Antennas (0÷1)	0.88
Coordinate System(C = cartesian, P = polar)	P
Mast side / diameter(cm):	10.0
Mast cross section (T/Q/C)	C
Structure rotation w.r.t. North (°)	0.0
Mast rotation w.r.t. North (°)	0.0

Information about antennas used in the System

	<i>Antenna type 1</i>
Manufacturer	LABEL ITALY
Antenna model	AKG_77 H.P. CIRC. P
Band start(MHz)	88
Band stop(MHz)	108
diagrams Frequency(MHz)	98
Polariz (H,V,C,X)	C
Vertical dist (cm)	260
Height (cm)	124
Width (cm)	115
Thickness (cm)	150
Weight (Kg)	12
Maximum power (KW)	5
Gain (dBd)	-1.5
North E.C. (cm)	0
East E.C. (cm)	0
Return loss (dB)	21
R.C.Phase (°)	0

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

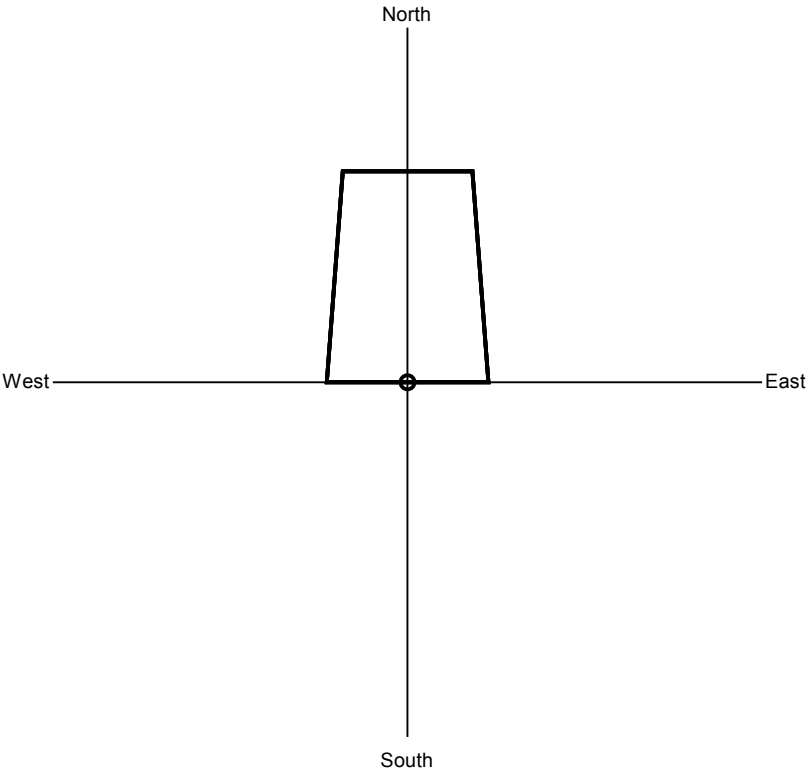
Geometr. and electrical data of Antenna System

	<i>Power</i> (%)	<i>Tilt</i> (°)	<i>Az.</i> (°/N)	<i>Phase</i> (°)	<i>V dist.</i> (m)	<i>Scr-d</i> (cm)	<i>Scr-Az</i> (°/N)	<i>Rot.</i> (1÷4)	<i>Type</i> (1÷2)	<i>L cables</i> (cm)	<i>Car. phase</i> (°)
1	25.000	0	0	0 +0.0	3.90	0.0	0.0	1	1	0.0	0.0
2	25.000	0	0	0 +0.0	1.30	0.0	0.0	1	1	0.0	0.0
3	25.000	0	0	0 +0.0	-1.30	0.0	0.0	1	1	0.0	0.0
4	25.000	0	0	0 +0.0	-3.90	0.0	0.0	1	1	0.0	0.0

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Plan of antenna system



Side of antenna system



TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Antennas arrays data

A. Antennas array azimuth (°/N)	0
B. Number of antennas	4
C. Nominal power supply (W)	1000.00
D. Losses (addit. + cables) (dB)	0.0
E. Effective power supply (W)	1000.00
F. Theor. maximum gain (dBd)	4.52
G. Distribution losses (dB)	0.00
H. Nominal max gain [F - G] (dBd)	4.52
I. Compensation losses (dB)	0.00
J. Effec. max gain [H - I] (dBd)	4.52
K. Effec. max gain (times)	2.83
L. Effec. max power [E * K] (KW)	2.8318
M. Max power depr. angle (°)	0.0
N. Max power az. angle (°)	300

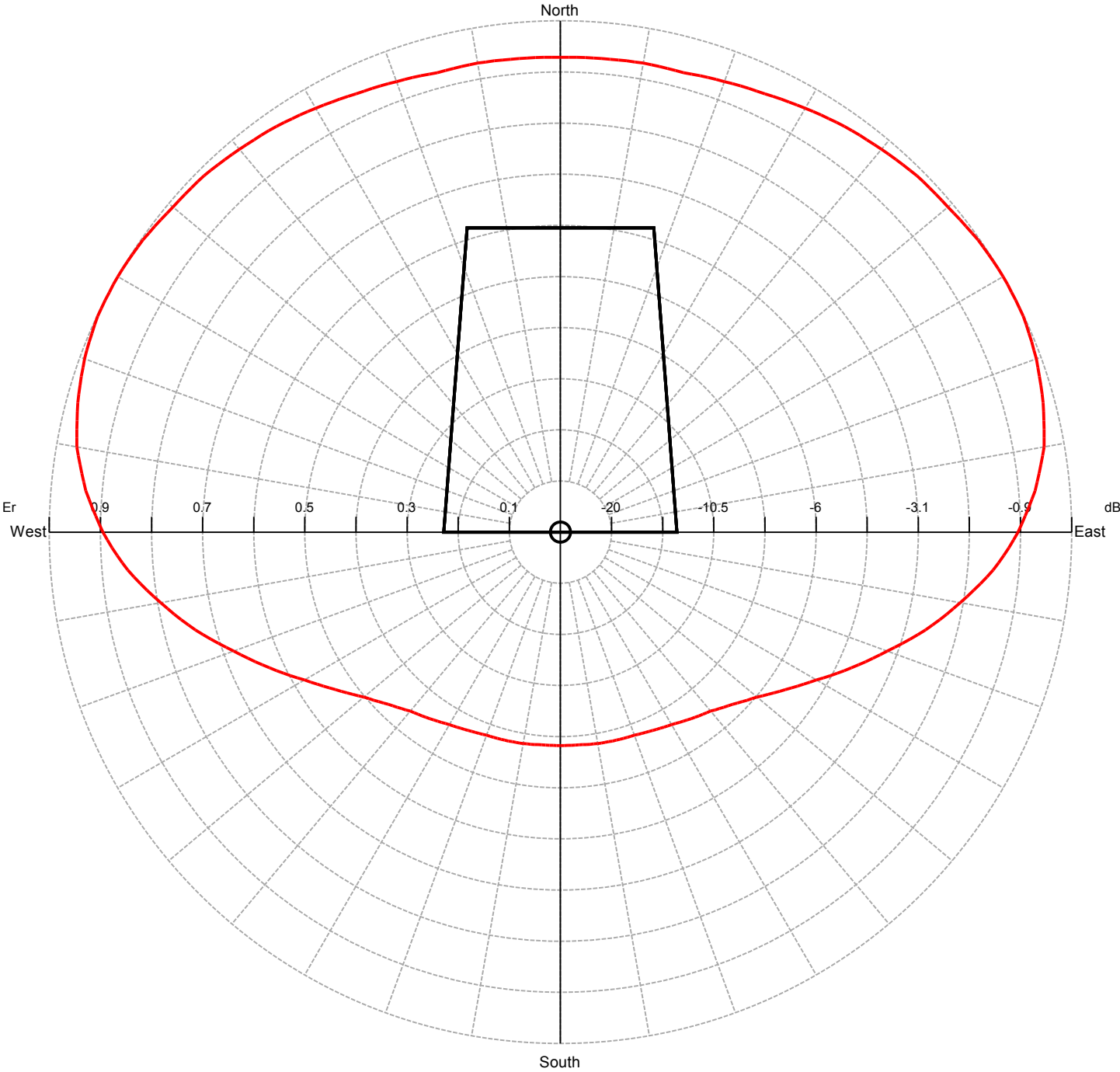
Diagram in dBK calculated at horizon

Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK	Az. (°/N)	dBK
0	3.9	90	3.6	180	-3.1	270	3.6
10	3.9	100	2.5	190	-3.0	280	4.2
20	4.0	110	1.2	200	-3.0	290	4.4
30	4.1	120	-0.2	210	-2.7	300	4.5
40	4.3	130	-1.5	220	-2.3	310	4.4
50	4.4	140	-2.3	230	-1.5	320	4.3
60	4.5	150	-2.7	240	-0.2	330	4.1
70	4.4	160	-3.0	250	1.2	340	4.0
80	4.2	170	-3.0	260	2.5	350	3.9

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Horizontal diagram at 0.0° depres. (Total Antenna)



0.0° depres. (Total Antenna), Gain (dBd): 4.52 ERP T.Max(KW): 2.8318 ERP E.Max(KW): 2.8318

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
0.0	92.9	2.442	60.0	100.0	2.832	120.0	57.8	0.946
1.0	92.9	2.444	61.0	100.0	2.831	121.0	57.0	0.919
2.0	92.9	2.445	62.0	100.0	2.830	122.0	56.1	0.892
3.0	92.9	2.446	63.0	99.9	2.829	123.0	55.3	0.867
4.0	93.0	2.447	64.0	99.9	2.828	124.0	54.5	0.842
5.0	93.0	2.448	65.0	99.9	2.827	125.0	53.7	0.817
6.0	93.0	2.450	66.0	99.7	2.817	126.0	53.0	0.795
7.0	93.1	2.452	67.0	99.6	2.808	127.0	52.3	0.774
8.0	93.1	2.454	68.0	99.4	2.798	128.0	51.6	0.753
9.0	93.1	2.455	69.0	99.2	2.789	129.0	50.9	0.733
10.0	93.2	2.457	70.0	99.1	2.779	130.0	50.2	0.713
11.0	93.1	2.456	71.0	98.8	2.765	131.0	49.6	0.698
12.0	93.1	2.455	72.0	98.5	2.750	132.0	49.1	0.683
13.0	93.1	2.454	73.0	98.3	2.735	133.0	48.6	0.669
14.0	93.1	2.453	74.0	98.0	2.720	134.0	48.1	0.656
15.0	93.1	2.452	75.0	97.8	2.706	135.0	47.6	0.642
16.0	93.2	2.460	76.0	97.4	2.687	136.0	47.2	0.631
17.0	93.3	2.467	77.0	97.1	2.669	137.0	46.8	0.621
18.0	93.5	2.475	78.0	96.7	2.650	138.0	46.4	0.611
19.0	93.6	2.483	79.0	96.4	2.631	139.0	46.1	0.601
20.0	93.8	2.490	80.0	96.1	2.613	140.0	45.7	0.591
21.0	93.9	2.499	81.0	95.5	2.582	141.0	45.5	0.585
22.0	94.1	2.508	82.0	94.9	2.552	142.0	45.2	0.579
23.0	94.3	2.517	83.0	94.4	2.521	143.0	45.0	0.573
24.0	94.4	2.526	84.0	93.8	2.491	144.0	44.8	0.568
25.0	94.6	2.535	85.0	93.2	2.461	145.0	44.6	0.562
26.0	94.8	2.547	86.0	92.5	2.422	146.0	44.3	0.556
27.0	95.1	2.559	87.0	91.7	2.383	147.0	44.1	0.551
28.0	95.3	2.571	88.0	91.0	2.344	148.0	43.9	0.545
29.0	95.5	2.583	89.0	90.2	2.306	149.0	43.7	0.540
30.0	95.7	2.595	90.0	89.5	2.268	150.0	43.5	0.535
31.0	96.0	2.607	91.0	88.6	2.225	151.0	43.3	0.532
32.0	96.2	2.620	92.0	87.8	2.181	152.0	43.2	0.528
33.0	96.4	2.633	93.0	86.9	2.137	153.0	43.1	0.525
34.0	96.7	2.646	94.0	85.9	2.091	154.0	42.9	0.522
35.0	96.9	2.658	95.0	85.0	2.046	155.0	42.8	0.519
36.0	97.1	2.668	96.0	83.9	1.993	156.0	42.7	0.516
37.0	97.2	2.677	97.0	82.8	1.941	157.0	42.6	0.513
38.0	97.4	2.686	98.0	81.7	1.889	158.0	42.5	0.511
39.0	97.6	2.696	99.0	80.5	1.837	159.0	42.4	0.508
40.0	97.7	2.705	100.0	79.4	1.786	160.0	42.3	0.506
41.0	97.9	2.715	101.0	78.3	1.737	161.0	42.2	0.505
42.0	98.1	2.724	102.0	77.2	1.689	162.0	42.2	0.504
43.0	98.3	2.734	103.0	76.1	1.641	163.0	42.2	0.504
44.0	98.4	2.744	104.0	75.0	1.594	164.0	42.2	0.503
45.0	98.6	2.754	105.0	73.9	1.548	165.0	42.1	0.503
46.0	98.7	2.757	106.0	72.7	1.498	166.0	42.1	0.502
47.0	98.7	2.761	107.0	71.5	1.449	167.0	42.1	0.501
48.0	98.8	2.764	108.0	70.4	1.402	168.0	42.0	0.500
49.0	98.9	2.767	109.0	69.2	1.355	169.0	42.0	0.500
50.0	98.9	2.771	110.0	68.0	1.310	170.0	42.0	0.499
51.0	99.1	2.780	111.0	67.0	1.269	171.0	41.9	0.498
52.0	99.2	2.788	112.0	65.9	1.230	172.0	41.9	0.497
53.0	99.4	2.797	113.0	64.9	1.191	173.0	41.8	0.496
54.0	99.5	2.806	114.0	63.8	1.154	174.0	41.8	0.495
55.0	99.7	2.815	115.0	62.8	1.118	175.0	41.8	0.494
56.0	99.8	2.818	116.0	61.8	1.081	176.0	41.8	0.494
57.0	99.8	2.821	117.0	60.8	1.046	177.0	41.7	0.494
58.0	99.9	2.825	118.0	59.8	1.012	178.0	41.7	0.493
59.0	99.9	2.828	119.0	58.8	0.978	179.0	41.7	0.493

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

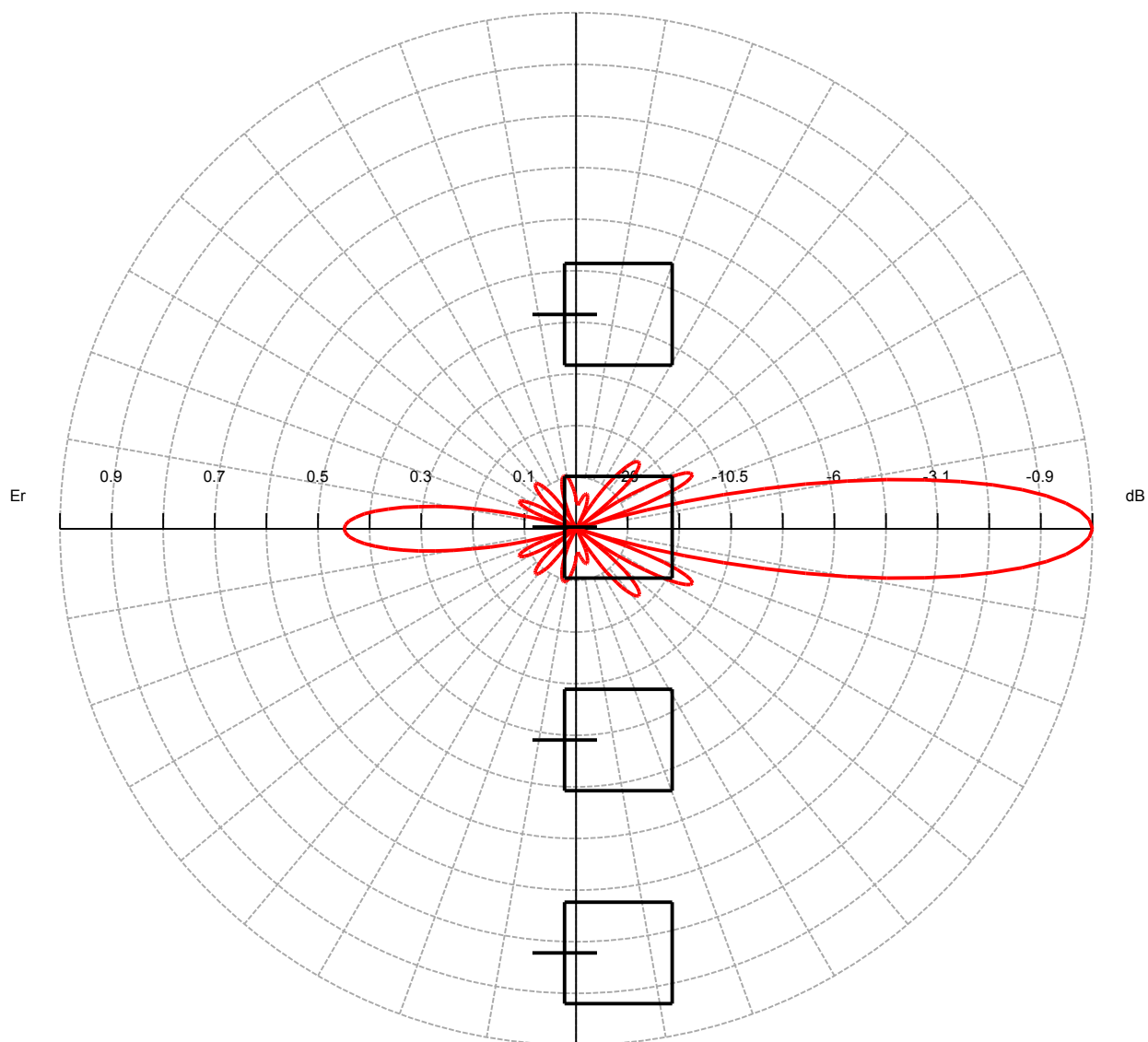
Horizontal diagram at 0.0° depres. (Total Antenna)

Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)	Az (°)	Er (%)	ERP (KW)
180.0	41.7	0.493	240.0	57.8	0.946	300.0	100.0	2.832
181.0	41.7	0.493	241.0	58.8	0.978	301.0	99.9	2.828
182.0	41.7	0.493	242.0	59.8	1.012	302.0	99.9	2.825
183.0	41.7	0.494	243.0	60.8	1.046	303.0	99.8	2.821
184.0	41.8	0.494	244.0	61.8	1.081	304.0	99.8	2.818
185.0	41.8	0.494	245.0	62.8	1.118	305.0	99.7	2.815
186.0	41.8	0.495	246.0	63.8	1.154	306.0	99.5	2.806
187.0	41.8	0.496	247.0	64.9	1.191	307.0	99.4	2.797
188.0	41.9	0.497	248.0	65.9	1.230	308.0	99.2	2.788
189.0	41.9	0.498	249.0	67.0	1.269	309.0	99.1	2.780
190.0	42.0	0.499	250.0	68.0	1.310	310.0	98.9	2.771
191.0	42.0	0.500	251.0	69.2	1.355	311.0	98.9	2.767
192.0	42.0	0.500	252.0	70.4	1.402	312.0	98.8	2.764
193.0	42.1	0.501	253.0	71.5	1.449	313.0	98.7	2.761
194.0	42.1	0.502	254.0	72.7	1.498	314.0	98.7	2.757
195.0	42.1	0.503	255.0	73.9	1.548	315.0	98.6	2.754
196.0	42.2	0.503	256.0	75.0	1.594	316.0	98.4	2.744
197.0	42.2	0.504	257.0	76.1	1.641	317.0	98.3	2.734
198.0	42.2	0.504	258.0	77.2	1.689	318.0	98.1	2.724
199.0	42.2	0.505	259.0	78.3	1.737	319.0	97.9	2.715
200.0	42.3	0.506	260.0	79.4	1.786	320.0	97.7	2.705
201.0	42.4	0.508	261.0	80.5	1.837	321.0	97.6	2.696
202.0	42.5	0.511	262.0	81.7	1.889	322.0	97.4	2.686
203.0	42.6	0.513	263.0	82.8	1.941	323.0	97.2	2.677
204.0	42.7	0.516	264.0	83.9	1.993	324.0	97.1	2.668
205.0	42.8	0.519	265.0	85.0	2.046	325.0	96.9	2.658
206.0	42.9	0.522	266.0	85.9	2.091	326.0	96.7	2.646
207.0	43.1	0.525	267.0	86.9	2.137	327.0	96.4	2.633
208.0	43.2	0.528	268.0	87.8	2.181	328.0	96.2	2.620
209.0	43.3	0.532	269.0	88.6	2.225	329.0	96.0	2.607
210.0	43.5	0.535	270.0	89.5	2.268	330.0	95.7	2.595
211.0	43.7	0.540	271.0	90.2	2.306	331.0	95.5	2.583
212.0	43.9	0.545	272.0	91.0	2.344	332.0	95.3	2.571
213.0	44.1	0.551	273.0	91.7	2.383	333.0	95.1	2.559
214.0	44.3	0.556	274.0	92.5	2.422	334.0	94.8	2.547
215.0	44.6	0.562	275.0	93.2	2.461	335.0	94.6	2.535
216.0	44.8	0.568	276.0	93.8	2.491	336.0	94.4	2.526
217.0	45.0	0.573	277.0	94.4	2.521	337.0	94.3	2.517
218.0	45.2	0.579	278.0	94.9	2.552	338.0	94.1	2.508
219.0	45.5	0.585	279.0	95.5	2.582	339.0	93.9	2.499
220.0	45.7	0.591	280.0	96.1	2.613	340.0	93.8	2.490
221.0	46.1	0.601	281.0	96.4	2.631	341.0	93.6	2.483
222.0	46.4	0.611	282.0	96.7	2.650	342.0	93.5	2.475
223.0	46.8	0.621	283.0	97.1	2.669	343.0	93.3	2.467
224.0	47.2	0.631	284.0	97.4	2.687	344.0	93.2	2.460
225.0	47.6	0.642	285.0	97.8	2.706	345.0	93.1	2.452
226.0	48.1	0.656	286.0	98.0	2.720	346.0	93.1	2.453
227.0	48.6	0.669	287.0	98.3	2.735	347.0	93.1	2.454
228.0	49.1	0.683	288.0	98.5	2.750	348.0	93.1	2.455
229.0	49.6	0.698	289.0	98.8	2.765	349.0	93.1	2.456
230.0	50.2	0.713	290.0	99.1	2.779	350.0	93.2	2.457
231.0	50.9	0.733	291.0	99.2	2.789	351.0	93.1	2.455
232.0	51.6	0.753	292.0	99.4	2.798	352.0	93.1	2.454
233.0	52.3	0.774	293.0	99.6	2.808	353.0	93.1	2.452
234.0	53.0	0.795	294.0	99.7	2.817	354.0	93.0	2.450
235.0	53.7	0.817	295.0	99.9	2.827	355.0	93.0	2.448
236.0	54.5	0.842	296.0	99.9	2.828	356.0	93.0	2.447
237.0	55.3	0.867	297.0	99.9	2.829	357.0	92.9	2.446
238.0	56.1	0.892	298.0	100.0	2.830	358.0	92.9	2.445
239.0	57.0	0.919	299.0	100.0	2.831	359.0	92.9	2.444

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Vertical diagram at an azimuth of 0.0° degrees



-0.0° Az. (Total Antenna), Gain (dBd): 3.88

ERP T.Max(KW): 2.4423 ERP E.Max(KW): 2.4423

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Vertical diagram at an azimuth of 0.0° degrees

Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)
0.0	100.0	2.442	60.0	2.7	0.002	120.0	2.4	0.001
1.0	99.4	2.413	61.0	1.3	0.000	121.0	3.6	0.003
2.0	97.7	2.333	62.0	0.0	0.000	122.0	4.7	0.005
3.0	95.0	2.205	63.0	1.2	0.000	123.0	5.9	0.008
4.0	91.3	2.037	64.0	2.3	0.001	124.0	6.9	0.012
5.0	86.7	1.836	65.0	3.3	0.003	125.0	7.9	0.015
6.0	81.2	1.612	66.0	4.2	0.004	126.0	8.8	0.019
7.0	75.0	1.375	67.0	5.0	0.006	127.0	9.6	0.023
8.0	68.2	1.137	68.0	5.6	0.008	128.0	10.3	0.026
9.0	60.9	0.907	69.0	6.1	0.009	129.0	10.9	0.029
10.0	53.3	0.693	70.0	6.5	0.010	130.0	11.3	0.031
11.0	45.3	0.501	71.0	6.8	0.011	131.0	11.6	0.033
12.0	37.3	0.339	72.0	7.0	0.012	132.0	11.7	0.033
13.0	29.3	0.210	73.0	7.1	0.012	133.0	11.6	0.033
14.0	21.6	0.114	74.0	7.0	0.012	134.0	11.4	0.032
15.0	14.2	0.049	75.0	6.9	0.012	135.0	11.0	0.029
16.0	7.2	0.013	76.0	6.8	0.011	136.0	10.4	0.026
17.0	0.7	0.000	77.0	6.6	0.011	137.0	9.6	0.022
18.0	5.1	0.006	78.0	6.4	0.010	138.0	8.6	0.018
19.0	10.3	0.026	79.0	6.1	0.009	139.0	7.5	0.014
20.0	14.7	0.053	80.0	5.7	0.008	140.0	6.2	0.009
21.0	18.3	0.082	81.0	5.5	0.008	141.0	4.8	0.006
22.0	21.1	0.109	82.0	5.3	0.007	142.0	3.2	0.003
23.0	23.1	0.130	83.0	5.1	0.006	143.0	1.6	0.001
24.0	24.4	0.145	84.0	4.8	0.006	144.0	0.1	0.000
25.0	24.9	0.151	85.0	4.5	0.005	145.0	1.8	0.001
26.0	24.7	0.149	86.0	4.7	0.005	146.0	3.5	0.003
27.0	23.8	0.139	87.0	4.8	0.006	147.0	5.1	0.006
28.0	22.4	0.123	88.0	5.0	0.006	148.0	6.7	0.011
29.0	20.5	0.103	89.0	5.1	0.006	149.0	8.1	0.016
30.0	18.2	0.081	90.0	5.2	0.007	150.0	9.4	0.022
31.0	15.5	0.059	91.0	6.2	0.009	151.0	10.5	0.027
32.0	12.6	0.039	92.0	6.7	0.011	152.0	11.3	0.031
33.0	9.6	0.022	93.0	7.3	0.013	153.0	11.9	0.035
34.0	6.4	0.010	94.0	7.8	0.015	154.0	12.2	0.037
35.0	3.3	0.003	95.0	8.2	0.016	155.0	12.2	0.036
36.0	0.2	0.000	96.0	8.7	0.019	156.0	11.9	0.034
37.0	2.8	0.002	97.0	9.2	0.021	157.0	11.2	0.030
38.0	5.6	0.008	98.0	9.6	0.023	158.0	10.1	0.025
39.0	8.1	0.016	99.0	10.0	0.024	159.0	8.7	0.018
40.0	10.4	0.027	100.0	10.3	0.026	160.0	6.9	0.012
41.0	12.4	0.038	101.0	10.4	0.026	161.0	4.8	0.006
42.0	14.1	0.049	102.0	10.5	0.027	162.0	2.4	0.001
43.0	15.5	0.059	103.0	10.5	0.027	163.0	0.3	0.000
44.0	16.5	0.067	104.0	10.4	0.027	164.0	3.3	0.003
45.0	17.3	0.073	105.0	10.3	0.026	165.0	6.5	0.010
46.0	17.7	0.076	106.0	9.9	0.024	166.0	9.9	0.024
47.0	17.7	0.077	107.0	9.5	0.022	167.0	13.4	0.044
48.0	17.5	0.075	108.0	9.0	0.020	168.0	17.0	0.071
49.0	17.1	0.071	109.0	8.5	0.018	169.0	20.6	0.104
50.0	16.4	0.066	110.0	7.8	0.015	170.0	24.1	0.142
51.0	15.5	0.058	111.0	7.1	0.012	171.0	27.6	0.186
52.0	14.4	0.050	112.0	6.3	0.010	172.0	30.8	0.232
53.0	13.1	0.042	113.0	5.4	0.007	173.0	33.9	0.281
54.0	11.8	0.034	114.0	4.4	0.005	174.0	36.7	0.328
55.0	10.3	0.026	115.0	3.4	0.003	175.0	39.1	0.373
56.0	8.8	0.019	116.0	2.3	0.001	176.0	41.1	0.413
57.0	7.3	0.013	117.0	1.2	0.000	177.0	42.8	0.447
58.0	5.7	0.008	118.0	0.0	0.000	178.0	44.0	0.472
59.0	4.2	0.004	119.0	1.2	0.000	179.0	44.7	0.488

TX station: 4xAkg77
Frequency: 98.00 MHz
Gain solid integration : disabled

Site Name: Labelitaly

Vertical diagram at an azimuth of 0.0° degrees

Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)	Dep (°)	Er (%)	ERP (KW)
180.0	44.9	0.493	240.0	2.4	0.001	300.0	2.7	0.002
181.0	44.7	0.488	241.0	1.2	0.000	301.0	4.2	0.004
182.0	44.0	0.472	242.0	0.0	0.000	302.0	5.7	0.008
183.0	42.8	0.447	243.0	1.2	0.000	303.0	7.3	0.013
184.0	41.1	0.413	244.0	2.3	0.001	304.0	8.8	0.019
185.0	39.1	0.373	245.0	3.4	0.003	305.0	10.3	0.026
186.0	36.7	0.328	246.0	4.4	0.005	306.0	11.8	0.034
187.0	33.9	0.281	247.0	5.4	0.007	307.0	13.1	0.042
188.0	30.8	0.232	248.0	6.3	0.010	308.0	14.4	0.050
189.0	27.6	0.186	249.0	7.1	0.012	309.0	15.5	0.058
190.0	24.1	0.142	250.0	7.8	0.015	310.0	16.4	0.066
191.0	20.6	0.104	251.0	8.5	0.018	311.0	17.1	0.071
192.0	17.0	0.071	252.0	9.0	0.020	312.0	17.5	0.075
193.0	13.4	0.044	253.0	9.5	0.022	313.0	17.7	0.077
194.0	9.9	0.024	254.0	9.9	0.024	314.0	17.7	0.076
195.0	6.5	0.010	255.0	10.3	0.026	315.0	17.3	0.073
196.0	3.3	0.003	256.0	10.4	0.027	316.0	16.5	0.067
197.0	0.3	0.000	257.0	10.5	0.027	317.0	15.5	0.059
198.0	2.4	0.001	258.0	10.5	0.027	318.0	14.1	0.049
199.0	4.8	0.006	259.0	10.4	0.026	319.0	12.4	0.038
200.0	6.9	0.012	260.0	10.3	0.026	320.0	10.4	0.027
201.0	8.7	0.018	261.0	10.0	0.024	321.0	8.1	0.016
202.0	10.1	0.025	262.0	9.6	0.023	322.0	5.6	0.008
203.0	11.2	0.030	263.0	9.2	0.021	323.0	2.8	0.002
204.0	11.9	0.034	264.0	8.7	0.019	324.0	0.2	0.000
205.0	12.2	0.036	265.0	8.2	0.016	325.0	3.3	0.003
206.0	12.2	0.037	266.0	7.8	0.015	326.0	6.4	0.010
207.0	11.9	0.035	267.0	7.3	0.013	327.0	9.6	0.022
208.0	11.3	0.031	268.0	6.7	0.011	328.0	12.6	0.039
209.0	10.5	0.027	269.0	6.2	0.009	329.0	15.5	0.059
210.0	9.4	0.022	270.0	5.2	0.007	330.0	18.2	0.081
211.0	8.1	0.016	271.0	5.1	0.006	331.0	20.5	0.103
212.0	6.7	0.011	272.0	5.0	0.006	332.0	22.4	0.123
213.0	5.1	0.006	273.0	4.8	0.006	333.0	23.8	0.139
214.0	3.5	0.003	274.0	4.7	0.005	334.0	24.7	0.149
215.0	1.8	0.001	275.0	4.5	0.005	335.0	24.9	0.151
216.0	0.1	0.000	276.0	4.8	0.006	336.0	24.4	0.145
217.0	1.6	0.001	277.0	5.1	0.006	337.0	23.1	0.130
218.0	3.2	0.003	278.0	5.3	0.007	338.0	21.1	0.109
219.0	4.8	0.006	279.0	5.5	0.008	339.0	18.3	0.082
220.0	6.2	0.009	280.0	5.7	0.008	340.0	14.7	0.053
221.0	7.5	0.014	281.0	6.1	0.009	341.0	10.3	0.026
222.0	8.6	0.018	282.0	6.4	0.010	342.0	5.1	0.006
223.0	9.6	0.022	283.0	6.6	0.011	343.0	0.7	0.000
224.0	10.4	0.026	284.0	6.8	0.011	344.0	7.2	0.013
225.0	11.0	0.029	285.0	6.9	0.012	345.0	14.2	0.049
226.0	11.4	0.032	286.0	7.0	0.012	346.0	21.6	0.114
227.0	11.6	0.033	287.0	7.1	0.012	347.0	29.3	0.210
228.0	11.7	0.033	288.0	7.0	0.012	348.0	37.3	0.339
229.0	11.6	0.033	289.0	6.8	0.011	349.0	45.3	0.501
230.0	11.3	0.031	290.0	6.5	0.010	350.0	53.3	0.693
231.0	10.9	0.029	291.0	6.1	0.009	351.0	60.9	0.907
232.0	10.3	0.026	292.0	5.6	0.008	352.0	68.2	1.137
233.0	9.6	0.023	293.0	5.0	0.006	353.0	75.0	1.375
234.0	8.8	0.019	294.0	4.2	0.004	354.0	81.2	1.612
235.0	7.9	0.015	295.0	3.3	0.003	355.0	86.7	1.836
236.0	6.9	0.012	296.0	2.3	0.001	356.0	91.3	2.037
237.0	5.9	0.008	297.0	1.2	0.000	357.0	95.0	2.205
238.0	4.7	0.005	298.0	0.0	0.000	358.0	97.7	2.333
239.0	3.6	0.003	299.0	1.3	0.000	359.0	99.4	2.413